

Author index to volume 154

- Abiko, Y., Y. Shibata, K. Fukushima, S. Murai and H. Takiguchi, The stimulation of macrophage prostaglandin E₂ and thromboxane B₂ secretion by *Streptococcus mutans* insoluble glucans 154 (1983) 297
- Aflalo, C. and N. Shavit, Steady-state kinetics of photophosphorylation: Limited access of nucleotides to the active site on the ATP synthetase 154 (1983) 175
- Agol, V.I., see Yu.A. Kazachkov 154 (1983) 161
- Aktar, N.B., see R. Nurten 154 (1983) 391
- Altamirano, P., see M.T. Hierowski 154 (1983) 92
- Amit, T., see M. Gavish 154 (1983) 81
- Anderson, J.M., see D.J. Goodchild 154 (1983) 243
- Arrio-Dupont, M., see D. Vergé 154 (1983) 277
- Arunasmithsri, S., see M. Rajyalakshmi 154 (1983) 301
- Ashman, K., see B. Wittman-Liebold 154 (1983) 31
- Azzi, A., see R.P. Casey 154 (1983) 237
- Baclanov, M.M., see V.V. Zinoviev 154 (1983) 282
- Bali, A., S. Dhawan and C.M. Gupta, Stability of liposomes in circulation is markedly enhanced by structural modification of their phospholipid component 154 (1983) 373
- Ball, D.J., C.A. Slaughter, P. Hensley and W.T. Garrard, Amino acid sequence of the N-terminal domain of calf thymus histone H2A.Z 154 (1983) 166
- Balyaev, N.D., V.G. Budker, V.A. Dubrovskaya and N.M. Matveeva, Structure of DNA in metaphase chromosomes of mouse fibroblasts 154 (1983) 285
- Bányai, L., see M. Trexler 154 (1983) 311
- Bárány, K., see S.T. Sayers 154 (1983) 305
- Barbé, J., see E. Montesinos 154 (1983) 196
- Barkey, R.J., see M. Gavish 154 (1983) 81
- Bengtsson, G. and T. Olivecrona, Lipoprotein lipase moves rapidly between lipid droplets 154 (1983) 211
- Bérczi, A., see Z. Oláh 154 (1983) 395
- Bermek, E., see R. Nurten 154 (1983) 391
- Berry, M. and R.C. Sachar, Regulation of poly(A) polymerase activity and poly(A)⁺ RNA levels by auxin in pea epicotyls 154 (1983) 139
- Bertoli, E., see J. Houstek 154 (1983) 185
- Bode, W. and L.F. Kress, Crystallization and preliminary X-ray diffraction data of proteinase II from *Crotalus adamanteus* (Eastern Diamond rattlesnake) 154 (1983) 274
- Boocock, M.R. and J.R. Coggins, Kinetics of 5-enolpyruvylshikimate-3-phosphate synthase inhibition by glyphosate 154 (1983) 127
- Brand, I.A., G. Mieskes and H.-D. Söling, Metabolite-controlled phosphorylation of hepatic phosphofructokinase proceeds by cAMP-dependent protein kinase 154 (1983) 65
- Budker, V.G., see N.D. Belyaev 154 (1983) 285
- Campbell, R.D., see D.N. Chakravarti 154 (1983) 387
- Camus, J.-C., see P. Robberecht 154 (1983) 205
- Cartaud, A., see A. Molla 154 (1983) 101
- Casey, R.P. and A. Azzi, An evaluation of the evidence for H⁺ pumping by reconstituted cytochrome c oxidase in the light of recent criticism 154 (1983) 237
- Casteels, R., see F. Wuytack 154 (1983) 191
- Chakravarti, D.N., R.D. Campbell and J. Gagnon, Amino acid sequence of a polymorphic segment from fragment C4d of human complement component C4 154 (1983) 387
- Chatelain, P., see P. Robberecht 154 (1983) 205
- Christophe, J., see P. Robberecht 154 (1983) 205
- Christophe, J., see S. Meuris 154 (1983) 111
- Coggins, J.R., see M.R. Boocock 154 (1983) 127
- Coleman, J.O.D., H.A.O. Hill, N.J. Walton and F.R. Whatley, Electrochemically driven respiration in mitochondria and *Paracoccus denitrificans* 154 (1983) 319
- Cornish, T.J. and J.W. Ledbetter, Pyridoxal-5'-phosphate as a probe for rotational diffusion 154 (1983) 378
- Crane-Robinson, C., see P. Puigdomènech 154 (1983) 151
- Da Costa Maia, J.C., see M.H. Juliani 154 (1983) 400
- Danson, M.J., see M.S. Robinson 154 (1983) 51
- Degtyarev, S.Kh., Aminoacyl-tRNA synthetases: inter-site interaction as a possible proofreading mechanism 154 (1983) 293
- Deleers, M., P. Lebrun and W.J. Malaisse, Increase in CO₃H⁻ influx and cellular pH in glucose-stimulated pancreatic islets 154 (1983) 97
- De Schutter, G., see F. Wuytack 154 (1983) 191
- Dhawan, S., see A. Bali 154 (1983) 373
- Domogatsky, S.P., see G.P. Samokhin 154 (1983) 257
- Dose, K., see R. Pabst 154 (1983) 5
- Dubrovskaya, V.A., see N.D. Belyaev 154 (1983) 285
- Duniec, J.T., see D.J. Goodchild 154 (1983) 243

- Dzionara, M., see B. Wittmann-Liebold 154 (1983) 31
- Easom, R.A., see M.S. Robinson 154 (1983) 51
- Ebel, J.P., see N. Riehl 154 (1983) 42
- Ehresmann, B., see N. Riehl 154 (1983) 42
- Ellar, D.J., see W.E. Thomas 154 (1983) 362
- Erdei, L., see Oláh 154 (1983) 395
- Erdmann, V.A., see A. Yonath 154 (1983) 15
- Ernster, L., see L. Hillered 154 (1983) 247
- Faludi-Daniel, Á., see Gy. Garab 154 (1983) 323
- Fleck, J., see L. Pinck 154 (1983) 145
- Fukushima, K., see Y. Abiko 154 (1983) 297
- Gabellini, N. and G. Hauska, Isolation of cytochrome *b* from the cytochrome *bc*₁ complex of *Rhodopseudomonas sphaeroides* GA 154 (1983) 171
- Gagnon, J., see D.N. Chakravarti 154 (1983) 387
- Garab, Gy., A.A. Sanchez Burgos, L. Zimányi and Á. Faludi-Daniel, Effect of CO₂ on the energization of thylakoids in leaves of higher plants 154 (1983) 323
- Garber, M.B., see L.S. Reshetnikova 154 (1983) 149
- Gariépy, J., see R.E. Reid 154 (1983) 60
- Garrard, W.T., see D.J. Ball 154 (1983) 166
- Gavish, M., T. Amit, R.J. Barkey and M.B.H. Youdim, Characterization of CHAPS-solubilized prolactin receptors induced by estradiol in liver of male rats: Unmasking of cryptic sites by CHAPS 154 (1983) 81
- Genissel, B., see S. Tran-Dinh 154 (1983) 407
- Giege, R., see N. Riehl 154 (1983) 42
- Glimcher, M.J., see Y. Gotoh 154 (1983) 116
- Goodchild, D.J., J.T. Duniec and J.M. Anderson, The lateral displacement of intramembraneous particles in chloroplast membranes as a function of light intensity 154 (1983) 243
- Gorbunov, J.A., see V.V. Zinoviev 154 (1983) 282
- Gotoh, Y., M. Sakamoto, S. Sakamoto and M.J. Glimcher, Biosynthesis of *O*-phosphoserine-containing phosphoproteins by isolated bone cells of mouse calvaria 154 (1983) 116
- Gouyette, C., see S. Tran-Dinh 154 (1983) 407
- Guerrero, R., see E. Montesinos 154 (1983) 196
- Gupta, C.M., see A. Bali 154 (1983) 373
- Guschlbauer, W., see C. Zimmer 154 (1983) 156
- Hadidane, R., see L. Pinck 154 (1983) 145
- Hardie, D.G., see R. Holland 154 (1983) 269
- Harkes, L. and T.J.C. Van Berkel, Cellular localization of the receptor-dependent and receptor-independent uptake of human LDL in the liver of normal and 17 α -ethinyl estradiol-treated rats 154 (1983) 75
- Hauska, G., see N. Gabellini 154 (1983) 171
- Hensley, P., see D.J. Ball 154 (1983) 166
- Heyworth, C.M., S. Rawal and M.D. Houslay, Guanine nucleotides can activate the insulin-stimulated phosphodiesterase in liver plasma membranes 154 (1983) 87
- Hierowski, M.T., P. Altamirano, T.W. Redding and A.V. Schally, The presence of LHRH-like receptors in Dunning R3327H prostate tumors 154 (1983) 92
- Hill, H.A.O., see J.O.D. Coleman 154 (1983) 319
- Hillered, L., P.M. Muchiri, K. Nordenbrand and L. Ernster, Mn²⁺ prevents the Ca²⁺-induced inhibition of ATP synthesis in brain mitochondria 154 (1983) 247
- Hirth, L., see L. Pinck 154 (1983) 145
- Hodges, R.S., see R.E. Reid 154 (1983) 60
- Holland, R., J.R. Woodgett and D.G. Hardie, Evidence that amiloride antagonises insulin-stimulated protein phosphorylation by inhibiting protein kinase activity 154 (1983) 269
- Houdebine, L.-M., see P. Martel 154 (1983) 55
- Houslay, M.D., see C.M. Heyworth 154 (1983) 87
- Houstek, J., E. Bertoi, I. Stipani, S. Pavelka, F.M. Megli and F. Palmieri, Characterization of sulphhydryl groups of the mitochondrial phosphate translocator by a maleimide spin label 154 (1983) 185
- Howitz, K.T. and R.E. McCarty, Evidence for a glycolate transporter in the envelope of pea chloroplasts 154 (1983) 339
- Huynh-Dinh, T., see S. Tran-Dinh 154 (1983) 407
- Igolen, J., see S. Tran-Dinh 154 (1983) 407
- Inestrosa, N.C., see J.C. Torres 154 (1983) 265
- Inui, M., see R. Kakiuchi 154 (1983) 351
- Isagulians, M.G., see Z.A. Shabarova 154 (1983) 288
- Itoh, T., see K. Yagawa 154 (1983) 383
- Ivanovskaya, M.G., see Z.A. Shabarova 154 (1983) 288
- José, M., see P. Puigdomènech 154 (1983) 151
- Juliani, M.H., J.C. da Costa Maia and M.C. Manhães Bonato, Increased phosphorylation of a ribosomal protein during aggregation of the slime mold *Dictyostelium discoideum* 154 (1983) 400
- Kanda, K., see R. Kakiuchi 154 (1983) 351
- Kakiuchi, R., M. Inui, K. Morimoto, K. Kanda, K. Sobue and S. Kakiuchi, Caldesmon, a calmodulin-binding, F actin-interacting protein, is present in aorta, uterus and platelets 154 (1983) 351
- Kakiuchi, S., see R. Kakiuchi 154 (1983) 351

- Kashket, E.R., Stoichiometry of the H⁺-ATPase of *Escherichia coli* cells during anaerobic growth 154 (1983) 343
- Kazachkov, Yu.A., Yu.V. Svitkin and V.I. Agol, The position of polypeptide G on the encephalomyocarditis virus polyprotein cleavage map 154 (1983) 161
- Kinghorn, H.A., see P.D.J. Weitzman 154 (1983) 369
- Klumpp, S., see J.E. Schultz 154 (1983) 347
- Koch, H., see R. Pabst 154 (1983) 5
- Kohn, J. and M. Wilchek, 1-Cyano-4-dimethylamino pyridinium tetrafluoroborate as a cyanylating agent for the covalent attachment of ligands to polysaccharide resins 154 (1983) 209
- Koyama, N., see H. Takinishi 154 (1983) 201
- Kress, L.F., see W. Bode 154 (1983) 274
- Kühn-Velten, N. and W. Staib, Distribution of progesterone-binding cytochrome P450 and steroid - 17 α - hydroxylase/C - 17,20 - lyase within different compartments of the rat testis 154 (1983) 70
- Lazaro, R., see A. Molla 154 (1983) 101
- Lebrun, P., see M. Deleers 154 (1983) 97
- Ledbetter, J.W., see T.J. Cornish 154 (1983) 378
- Levy, J.V., Calmodulin antagonists inhibit aggregation of human, guinea-pig and rabbit platelets induced with platelet activating factor 154 (1983) 262
- Lorenz, S., see A. Yonath 154 (1983) 15
- Lugtenburg, J., see M. Muradin-Szweykowska 154 (1983) 180
- Malaisse, W.J., see M. Deleers 154 (1983) 97
- Malygin, E.G., see V.V. Zinoviev 154 (1983) 282
- Manhães Bonato, M.C., see M.H. Juliani 154 (1983) 400
- Marck, C., see C. Zimmer 154 (1983) 156
- Martel, P., L.-M. Houdebine and B. Teyssot, Effect of sodium butyrate on the stimulation of casein gene expression by prolactin 154 (1983) 55
- Mas, J., see E. Montesinos 154 (1983) 196
- Mathis, P., see A.W. Rutherford 154 (1983) 328
- Matveeva, N.M., see N.D. Belyaev 154 (1983) 285
- McCarty, R.E., see K.T. Howitz 154 (1983) 339
- McTavish, C.F., W.J. Nelson and P. Traub, The turnover of vimentin in Ehrlich ascites tumor cells 154 (1983) 251
- Megli, F.M., see J. Houstek 154 (1983) 185
- Melpidou, A.E. and N.G. Oikonomakos, Effect of glucose-6-P on the catalytic and structural properties of glycogen phosphorylase α 154 (1983) 105
- Meuris, S., M. Svoboda, M. Vilamala, J. Christophe and C. Robyn, Monomeric pituitary growth hormone and prolactin variants in man characterized by immunoperoxidase electrophoresis 154 (1983) 111
- Mieskes, G., see I.A. Brand 154 (1983) 65
- Molla, A., A. Cartaud, R. Lazaro and R. Ozon, *Xenopus* lipovitellin, a new target protein for calmodulin 154 (1983) 101
- Montesinos, E., J. Barbé, R. Guerrero and J. Mas, Effect of exogenous nucleotides on growth and photopigment synthesis in *Rhodospseudomonas capsulata* 154 (1983) 196
- Morimoto, K., see R. Kakiuchi 154 (1983) 351
- Muchiri, P.M., see L. Hillered 154 (1983) 247
- Muradin-Szweykowska, M., L.J.P. van Amsterdam, L.J.M. Rodenburg, J. Lugtenburg, R.L. van der Bend and K. van Dam, (5-demethyl)-Bacteriorhodopsin analogue: its formation and light-driven proton pump action 154 (1983) 180
- Murai, S., see Y. Abiko 154 (1983) 297
- Muralidhar, K., see M. Rajyalaksmi 154 (1983) 301
- Müssig, J., see A. Yonath 154 (1983) 15
- Muzykantov, V.R., see G.P. Samokhin 154 (1983) 257
- Nelson, W.J., see C.F. McTavish 154 (1983) 251
- Neumann, J.-M., see S. Tran-Dinh 154 (1983) 407
- Neumann, S., see W.G. Zumft 154 (1983) 121
- Nordenbrand, K., see L. Hillered 154 (1983) 247
- Nosoh, Y., see H. Takinishi 154 (1983) 201
- Nurten, R., N.B. Aktar and E. Bermek, Functional groups of elongation factor 2 involved in interactions with guanosine nucleotides and ribosomes 154 (1983) 391
- Olivecrona, T., see G. Bengtsson 154 (1983) 211
- Ogren, W.L., see M.H. Spalding 154 (1983) 335
- Oikonomakos, N.G., see A.E. Melpidou 154 (1983) 105
- Oláh, Z., A. Bérczi and L. Erdei, Benzylaminopurine-induced coupling between calmodulin and Ca²⁺-ATPase in wheat root microsomal membranes 154 (1983) 395
- Ozon, R., see A. Molla 154 (1983) 105
- Pabst, R., H. Ringsdorf, H. Koch and K. Dose, Light-driven proton transport of bacteriorhodopsin incorporated into long-term stable liposomes of a polymerizable sulfolipid 154 (1983) 5
- Palmieri, F., see J. Houstek 154 (1983) 185
- Pathy, L., see M. Trexler 154 (1983) 311
- Pavelka, S., see J. Houstek 154 (1983) 185
- Pinck, L., J. Fleck, M. Pinck, R. Hadidane and L. Hirth, Sequence of cDNA encoding part of the small subunit of the ribulose-1,5-bisphosphate carboxylase of *Nicotiana sylvestris* 154 (1983) 145
- Pinck, M., see L. Pinck 154 (1983) 145
- Pluck, N.D., see M. Trexler 154 (1983) 311

- Popov, S.G., see V.V. Zinoviev 154 (1983) 282
- Pougeouis, R., EEDQ probably reacts with the Mg^{2+} -ATP catalytic sites of mitochondrial and bacterial F_1 -ATPases 154 (1983) 47
- Puigdomènech, P., M. José, A. Ruiz-Carrillo and C. Crane-Robinson, Isolation of a 167 basepair chromosome containing a partially digested histone H5 154 (1983) 151
- Rajyalakshmi, M., S. Arunasmithsri, V. Srinivas and K. Muralidhar, Incorporation of radioactive $^{35}SO_4^{2-}$ into immunoreactive pituitary lutropin 154 (1983) 301
- Rawal, S., see C.M. Heyworth 154 (1983) 87
- Redding, T.W., see M.T. Hierowski 154 (1983) 92
- Reeck, G.R. and D.C. Teller, Sequence similarity between *Rhodospirillum rubrum* ribulose bis-phosphate carboxylase/oxygenase and the large subunit of the plant enzyme 154 (1983) 134
- Reid, R.E., J. Gariépy and R.S. Hodges, Interaction of neuroleptic drugs with a synthetic calcium-binding peptide analog of side III of rabbit skeletal troponin C: Phenothiazine selective binding 154 (1983) 60
- Reithmeier, R.A.F., see M. Yaguchi 154 (1983) 21
- Reshetnikova, L.S. and M.B. Garber, Crystallization of elongation factor G from an extreme thermophile, *Thermus thermophilus* HB8 154 (1983) 149
- Riehl, N., R. Giege, J.P. Ebel and B. Ehresmann, Effect of elongation factor Tu on the conformation of phenylalanyl-tRNA^{Phe} 154 (1983) 42
- Ringsdorf, H., see R. Pabst 154 (1983) 5
- Robberecht, P., M. Waelbroeck, P. Chatelain, J.-C. Camus and J. Christophe, Inhibition of forskolin-stimulated cardiac adenylate cyclase activity by short chain alcohols 154 (1983) 205
- Robinson, M.S., R.A. Easom, M.J. Danson and P.D.J. Weitzman, Citrate synthase of *Escherichia coli*: Characterisation of the enzyme from a plasmid-cloned gene and amplification of the intracellular levels 154 (1983) 51
- Robyn, C., see S. Meuris 154 (1983) 111
- Rodenburg, L.J.M., see M. Muradin-Szweykowska 154 (1983) 180
- Roy, C., see M. Yaguchi 154 (1983) 21
- Ruiz-Carrillo, A., see P. Puigdomènech 154 (1983) 151
- Rutherford, A.W. and P. Mathis, A relationship between the midpoint potential of the primary acceptor and low temperature photochemistry in photosystem II 154 (1983) 328
- Sachar, R.C., see M. Berry 154 (1983) 139
- Sakamoto, M., see Y. Gotoh 154 (1983) 116
- Sakamoto, S., see Y. Gotoh 154 (1983) 116
- Samokhin, G.P., M.D. Smirnov, V.R. Muzykantov, S.P. Domogatsky and V.N. Smirnov, Red blood cell targeting to collagen-coated surfaces 154 (1983) 257
- Sanchez Burgos, A.A., see Gy. Garab 154 (1983) 323
- Sayers, S.T. and K. Bárány, Myosin light-chain phosphorylation during contraction of turtle heart 154 (1983) 305
- Schally, A.V., see M.T. Hierowski 154 (1983) 92
- Schirmer, R.H., G.E. Schulz and R. Untucht-Grau, On the geometry of leukocyte NADPH-oxidase, a membrane flavoenzyme: Inference from the structure of glutathione reductase 154 (1983) 1
- Schulz, G.E., see R.H. Schirmer 154 (1983) 1
- Schultz, J.E. and S. Klumpp, Adenylate cyclase in cilia from *Paramecium*: Localization and partial characterization 154 (1983) 347
- Sekiguchi, T., see H. Takinishi 154 (1983) 201
- Shabarova, Z.A., M.G. Ivanovskaya and M.G. Isagulians, DNA-like duplexes with repetitions: Efficient template-guided polycondensation of decaeoxyribonucleotide imidazolide 154 (1983) 288
- Sharma, R., see H.N. Singh 154 (1983) 10
- Shavit, N., see C. Aflalo 154 (1983) 175
- Shibata, Y., see Y. Abiko 154 (1983) 297
- Shishido, K., see H. Takinishi 154 (1983) 201
- Singh, H.N., R.K. Singh and R. Sharma, An L-methionine - D,L-sulfoximine-resistant mutant of the cyanobacterium *Nostoc muscorum* showing inhibitor-resistant γ -glutamyl-transferase, defective glutamine synthetase and producing extracellular ammonia during N_2 fixation 154 (1983) 10
- Singh, R.K., see H.N. Singh 154 (1983) 10
- Slaughter, C.A., see D.J. Ball 154 (1983) 166
- Smirnov, M.D., see G.P. Samokhin 154 (1983) 257
- Smirnov, V.M., see G.P. Samokhin 154 (1983) 257
- Sobue, K., see R. Kakiuchi 154 (1983) 351
- Söling, H.-D., see I.A. Brand 154 (1983) 65
- Spalding, M.H. and W.L. Ogren, Evidence for a saturable transport component in the inorganic carbon uptake of *Chlamydomonas reinhardtii* 154 (1983) 335
- Srinivas, V., see M. Rajyalakshmi 154 (1983) 301
- Staib, W., see N. Kühn-Velten 154 (1983) 70
- Stipani, I., see J. Houstek 154 (1983) 185
- Svitkin, Yu. V., see Yu. A. Kazachkov 154 (1983) 161
- Svoboda, M., see S. Meuris 154 (1983) 111
- Taboury, J., see S. Tran-Dinh 154 (1983) 407
- Takiguchi, H., see Y. Abiko 154 (1983) 297

- Takinishi, H., T. Sekiguchi, N. Koyama, K. Shishido and Y. Nosoh, DNA from alkalophilic *Bacillus* can transform *B. subtilis* to alkalophily 154 (1983) 201
- Tardieu, A., see D. Vergé 154 (1983) 277
- Teller, D.C., see G.R. Reeck 154 (1983) 134
- Tesche, B., see A. Yonath 154 (1983) 15
- Teyssot, B., see P. Martel 154 (1983) 55
- Thomas, W.E. and D.J. Ellar, Mechanism of action of *Bacillus thuringiensis* var *israelensis* insecticidal δ -endotoxin 154 (1983) 362
- Tomoda, A., see K. Yagawa 154 (1983) 383
- Torres, J.C. and N.C. Inestrosa, Heparin solubilizes asymmetric acetylcholinesterase from rat neuromuscular junction 154 (1983) 265
- Tran-Dinh, S., J. Taboury, J.-M. Neumann, T. Huynh-Dinh, B. Genissel, C. Gouyette and J. Igolen, B and Z double helical conformations of d-(m⁵C-G-C-G-m⁵C-G) in aqueous solution 154 (1983) 407
- Traub, P., see C.F. McTavish 154 (1983) 251
- Trexler, M., L. Bányai, L. Patthy, N.D. Pluck and R.J.P. Williams, The solution structure of kringle 4: NMR studies on native and several chemically modified kringle 4 species of human plasminogen 154 (1983) 311
- Untucht-Grau, R., see R.H. Schirmer 154 (1983) 1
- Utermann, G. and W. Weber, Protein composition of Lp(a) lipoprotein from human plasma 154 (1983) 357
- Van Amsterdam, L.J.P., see M. Muradin-Szweykowska 154 (1983) 180
- Van Berkel, T.J.C., see L. Harkes 154 (1983) 75
- Van Dam, K., see M. Muradin-Szweykowska 154 (1983) 180
- Van der Bend, R.L., see M. Muradin-Szweykowska 154 (1983) 180
- Verbist, J., see F. Wuytack 154 (1983) 191
- Vergé, D., A. Tardieu and M. Arrio-Dupont, Solution X-ray scattering study of pig heart cytosolic aspartate aminotransferase 154 (1983) 277
- Vilamala, M., see S. Meuris 154 (1983) 111
- Waelbroeck, M., see P. Robberecht 154 (1983) 205
- Walton, N.J., see J.O.D. Coleman 154 (1983) 319
- Weber, W., see G. Utermann 154 (1983) 357
- Weitzman, P.D., see M.S. Robinson 154 (1983) 51
- Weitzman, P.D.J. and H.A. Kinghorn, Succinate thiokinase from *Thermus aquaticus* and *Halobacterium salinarum* 154 (1983) 369
- Whately, F.R., see J.O.D. Coleman 154 (1983) 319
- Wilchek, M., see J. Kohn 154 (1983) 209
- Williams, R.J.P., see M. Trexler 154 (1983) 311
- Wittmann, H.G., see A. Yonath 154 (1983) 15
- Wittmann, H.G., see M. Yaguchi 154 (1983) 21
- Wittmann-Liebold, B., see M. Yaguchi 154 (1983) 21
- Wittmann-Liebold, B., K. Ashman and M. Dzionara, Multiple internal repeats within protein S1 from the *Escherichia coli* ribosome 154 (1983) 31
- Woodgett, J.R., see R. Holland 154 (1983) 269
- Wuytack, F., G. De Schutter, J. Verbist and R. Casteels, Antibodies to the calmodulin-binding Ca²⁺-transport ATPase from smooth muscle 154 (1983) 191
- Yagawa, K., T. Itoh and A. Tomoda, Effect of transmethylation reaction and increased levels of cAMP on superoxide generation of guinea pig macrophages induced with wheat germ agglutinin and phorbol myristate 154 (1983) 383
- Yaguchi, M., C. Roy, R.A.F. Reithmeier, B. Wittmann-Liebold and H.G. Wittmann, The primary structure of protein S14 from the small ribosomal subunit of *Escherichia coli* 154 (1983) 21
- Yonath, A., B. Tesche, S. Lorenz, J. Müssig, V.A. Erdmann and H.G. Wittmann, Several crystal forms of the *Bacillus stearothermophilus* 50 S ribosomal particles 154 (1983) 15
- Youdim, M.B.H., see M. Gavish 154 (1983) 81
- Zimányi, L., see Gy. Garab 154 (1983) 323
- Zimmer, C., C. Marck and W. Guschlbauer, Z-DNA and other non-B-DNA structures are reversed to B-DNA by interaction with netropsin 154 (1983) 156
- Zinoviev, V.V., J.A. Gorbunov, M.M. Baclanov, S.G. Popov and E.G. Malygin, Structure subtraction as an approach to investigation of the mechanism of restriction enzyme action 154 (1983) 282
- Zumft, W.G. and S. Neumann, Changes in guanosine tetraphosphate (ppGpp) level during nitrogenase expression in the phototrophic bacterium *Rhodospseudomonas palustris* 154 (1983) 121